

Product datasheet for SC308238

FAM9B (NM_205849) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM9B (NM_205849) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM9B
Synonyms:	TEX39B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC308238 representing NM_205849. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGGCGGCCTGGGGAAGAAGCATGCAGAAAGGATCCAGTCCGTGATGAATGTGAGGAAAGAAACCGT
 TTTACAGAAACAAGGAGGAAGATGTAAGTATGAGCATGGGGAAGAGAACCTTTTCTGAAACAGAT
 GAACACACGGGGCTAATACCAAGAAGCCAGAAGATACTGCAGAGGATCTTACTGCAAAAAGAAAAAGG
 ATGAAATGGATAAACTTGCAGCAAAACAAAGAACAAAGTAAACATGCTTTGAGAAAAAGCAACTT
 AAAAGGCAGAAACGTGATTATATACATTCTCTGAAGTTGCTAAATGTCCTTGAAGAATACATCACAGAC
 GAGCAGAAAGAGGAAGAAGAAGAGGGAGAAGAGGAAGAACTAATTAGAATATTTCAAGAACAACAG
 AAGAAGTGGCAACAATATAGAAGTGTTAGGAGAGAGAGGCTGAAAGAGATGAAGCTGCTACGTGACCAA
 TTCGTAAGGCTCTTGAGGACTTTGAAGACCTTTGTGACAGAGTTTTTCCGATGAAGACAGTGAAGT
 GATAACTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_205849
Insert Size:	561 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).


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OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_205849.3</u>
RefSeq Size:	2103 bp
RefSeq ORF:	561 bp
Locus ID:	171483
UniProt ID:	<u>Q8IZU0</u>
Cytogenetics:	Xp22.31
MW:	22.4 kDa
Gene Summary:	<p>This gene is a member of a gene family which arose through duplication on the X chromosome. The encoded protein may be localized to the nucleus as the protein contains several nuclear localization signals, and has similarity to a synaptonemal complex protein. [provided by RefSeq, Aug 2011]</p>